

REMARKS/ARGUMENTS

Favorable reconsideration of this application is respectfully requested.

Claims 1-9 are present in this application, claims 1-6 being amended and claims 8 and 9 being added by way of the present amendment. Amended claims 1, 3 and 5 and new claims 8 and 9 are supported by, for example, the non-limiting disclosure of Fig. 87 and the description on page 94, line 23 - page 95, line 8.

Under 35 USC §103(a), claims 1 and 2 are rejected over US 5,963,704 (Mimura et al.) in view of US 6,047,089 (Abe); claims 3-6 are rejected over Mimura et al. in view of Abe and further in view of US 2002/0110369 (Mori et al.); and claim 7 is rejected over Mimura et al. in view of Abe and further in view of US 5,274,363 (Koved et al.).

The claims of the present application are directed to a recordable medium storing highlight information, an information playback apparatus for a storage medium storing highlight information and an information playback method for a storage medium storing highlight information. The highlight information includes a button information table, and the button information table includes button information, and the button information includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area, the range of X-coordinate value and Y-coordinate value being changed depending on the TV system. An HD button group can advantageously be stored in HD content.

Turning to the prior art rejections, Mimura et al. is cited for a SD button, and was found not to disclose a button for HD. Abe is relied upon for an HD button. Abe describes an image expansion process for a compressed still image. The image is compressed using a two-dimensional DCT (discrete cosine transformation). The DCT coefficients are quantized using default quantization tables Qy and Qc which are recorded in the first table recording area M2 of the recording medium M. In the second table recording area M3, quantization

tables Qsy and Qsc are recorded (see col. 4, lines 13-56). If a high definition mode is selected by operating the selecting button 29, the compressed image is expanded using the quantization tables Qsy and Qsc for a high definition image or a mosaic process (col. 8, line 49 to col. 9, line 6). The selecting button 29 is merely a button for reproducing the high definition image. Abe fails to teach that the range of X coordinate value and Y coordinate value is changed depending on the TV system in the storage medium of claim 1. Abe also fails to teach the apparatus of claim 3 and the method of claim 5 where the highlight information includes a button table having button position information which includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area, the range of X-coordinate value and Y-coordinate value being changed depending on the TV system.

Claims 1, 3 and 5 are patentable over a combination of Mimura et al. and Abe.

Mori et al. is cited for disclosing a means for reading out the flag or a method including reading out the flag. Regardless of whether the analysis of Mori et al. is correct, combining the cited disclosure of Mori et al. with Mimura et al. and Abe would not result in the apparatus of claim 3 and the method of claim 5 since none of the references discloses button position information which includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area, the range of X-coordinate value and Y-coordinate value being changed depending on the TV system.

Claims 1, 3 and 5 are patentable over a combination of Mimura et al., Abe and Mori et al.

Koved et al. is cited with respect to claim 7. However, Koved et al. also does not disclose button position information which includes a start X-coordinate, an end X-coordinate, a start Y-coordinate, and an end Y-coordinate of the rectangular area, the range of

X-coordinate value and Y-coordinate value being changed depending on the TV system.

Claim 7 is patentable over a combination of Mimura et al., Abe and Koved et al.

It is respectfully submitted that the present application is in condition for allowance, and a favorable action to that effect is respectfully requested.

Respectfully submitted,

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